

**JC20 Rec'd PCT/PTO 17 AUG 2005**

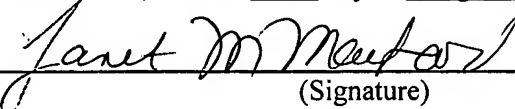
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

First Named Inventor:	Michel Chateau	Examiner:  Group Art Unit:
Appln. No.:	To be Assigned	
Filed:	August 17, 2005	
Title:	METHOD FOR THE PRODUCTION OF EVOLVED MICROORGANISMS WHICH PERMIT THE GENERATION OR MODIFICATION OF METABOLIC PATHWAYS	

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
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I hereby certify that this document is being sent via Express Mail No. EV 642787620 US addressed to: Mail Stop PCT, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on this 17<sup>TH</sup> day of August, 2005.

  
(Signature)

Sir:

Please make the references listed below and on the accompanying PTO Form-1449 of record in the above-identified application.

- U.S. Patent No. 6,368,793 to Hoch et al., April 9, 2002.
- U.S. Patent No. 5,344,767 to Boullais et al., September 6, 1994
- U.S. Patent No. 4,071,405 to Soda et al., January 31, 1978
- U.S. Patent No. 3,071,518 to Scherr et al., January 1, 1963
- U.S. Patent Application Publication No. 2002/177196 to Maier et al., November 28, 2002
- International Patent Application Publication No. WO02/083892, October 24, 2002
- International Patent Application Publication No. WO02/51231, July 4, 2002
- International Patent Application Publication No. WO02/46451, June 13, 2002
- International Patent Application Publication No. WO02/18613, March 7, 2002
- International Patent Application Publication No. WO02/17112, September 2, 1993
- European Patent Application EP 0 0699748, March 6, 1996
- European Patent Application 0 519 113 A1, December 23, 1992
- United Kingdom Patent Application GB 2174390, November 5, 1986

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United Kingdom Patent Application GB 2 075 055 A, November 11, 1981

Japanese Patent Number JP2222692, September 5, 1990

Japanese Patent Publication Number JP 2000 157267, June 13, 2000

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Publications Ltd.

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Arnold et al. (1997) "Optimizing Industrial Enzymes by Directed Evolution" in

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Flavin et al. (1967) Biochim. Biophys. Acta 132:400-405

Kase et al. (1975) Agr. Biol. Chem. 39:153-160

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Nakamori et al. (1999) Appl. Microbiol. Biotechnol. 52:179-185

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Weissbach et al. (1991) Molecular Microbiology 5:1593-1597

With the exception of U.S. Patents and U.S. Patent Applications, copies of the cited reference are enclosed. WO02/83892, JP2222692 and JP2000157267 are not in the English language, and are accompanied by English language abstracts. Certain of the foregoing references were cited in Search Reports for the French priority applications. Copies of the Search Reports are enclosed.

Respectfully submitted,

Date: August 17, 2005

By:   
Janet M. MacLeod (Reg. No. 35,263)  
DORSEY & WHITNEY LLP  
250 Park Avenue  
New York, NY 10177  
(212) 415-9200

Enclosures  
4848-3209-7024\1

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE  <b>INFORMATION DISCLOSURE          STATEMENT BY APPLICANT</b> (use several sheets if necessary)	ATTY DOCKET NO. 34076/US	APPLICATION NO. <b>10/546139</b> 10/781,499
	APPLICANT Michel Chateau <b>JC20 Rec'd PCT/PTO 17 AUG 2005</b>	
	FILING DATE February 18, 2004	GROUP ART UNIT

## U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Inventor Name	Class	Sub-class	Filing Date (if appropriate)
	6,368,793	4/9/2002	Hoch et al.			
	5,344,767	9/6/94	Boullais et al.			
	4,071,405	1/31/78	Soda et al.			
	3,017,518	1/1/63	Scherr et al.			
	US 2002/0177196	11/28/2002	Maier			

## FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Sub-class	Translation
	WO 02/83892	10/24/02	International			
	WO 02/51231	7/4/02	International			
	WO 02/46451	6/13/02	International			
	WO 02/18613	3/7/02	International			
	WO 93/17112	9/02/93	International			
	EP 0699748	3/6/96	Europe			
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	GB2174390	11/5/86	United Kingdom			
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	JP 2000 157267	6/13/2000	Japan			

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner Initial	Document Description
	Database WPI Abstract No. 2000-485 354, XP-002265367, Week 200043, Derwent Publications Ltd.
	Database EMBL, Accession No. AF220150, XP-002185277, January 17, 2001
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	Arnold et al. (1997) "Optimizing Industrial Enzymes by Directed Evolution" in Advances in Biochemical Engineering 58:1-14, Springer, Berlin
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	Weissbach et al. (1991) Molecular Microbiology 5:1593-1597

<b>EXAMINER</b>	<b>DATE CONSIDERED</b>
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.